

ABSTRACT

An object of the present invention is to provide a nerve regenerating drug, an agent for the promotion of neuropoiesis of a neural stem cell, a neuron obtained by culturing a neural stem cell in the presence of the agent for the promotion of neuropoiesis, and a method of the manufacture of the neuron.

In order to achieve the object, the invention provides a nerve regenerating drug comprising a substance that inhibits the activity of glycogen synthase kinase-3, as an active ingredient; an agent for the promotion of neuropoiesis of a neural stem cell comprising the substance as an active ingredient; a neuron obtained by culturing a neural stem cell in the presence of the agent for the promotion of neuropoiesis; and a method of the manufacture of the neuron.

The medical drug according to the invention is useful as a therapeutic drug for neurological diseases such as Parkinson's disease, Alzheimer's disease, Down's disease, cerebrovascular disorder, cerebral stroke, spinal cord injury, Huntington's chorea, multiple sclerosis, amyotrophic lateral sclerosis, epilepsy, anxiety disorder, schizophrenia, depression and manic depressive psychosis.